

WHAT IS CLAIMED IS:

1. A method for installing an application in a trusted operating system, comprising:

enabling selection of an application from one or more applications;

enabling dragging of a graphical representation of said selected application towards a graphical representation of a compartment of said trusted operating system;

enabling dropping of said graphical representation of said application on said graphical representation of said compartment; and

automatically installing said selected application in said selected compartment in response to said dropping of said graphical representation of said selected application.

2. The method of claim 1, further comprising:

automatically determining one or more supporting resources associated with said selected application;

automatically retrieving said supporting resources; and

automatically installing said supporting resources within said selected compartment.

3. The method of claim 1, further comprising:

automatically determining access controls for one or more files associated with said selected application; and

automatically setting said determined access controls for said one or more files.

4. The method of claim 3, further comprising displaying said access controls along with the files with which said access controls are associated.

5. The method of claim 3, further comprising modifying said access controls in response to a user input.

6. The method of claim 2, wherein said automatically determining one or more supporting resources comprises automatically selecting one or more library files.

5 7. The method of claim 2, wherein said automatically determining one or more supporting resources comprises automatically selecting one or more configuration files.

10 8. The method of claim 2, wherein said automatically determining one or more supporting resources comprises querying an executable file of said selected application to automatically determine said one or more supporting resources associated with said application.

15 9. The method of claim 3, wherein said automatically determining access controls comprises automatically determining access controls for at least one of said files based at least in part on the type of the file.

20 10. The method of claim 3, wherein said automatically determining access controls comprises automatically determining access controls for at least one of said files based at least in part on the location of the file.

25 11. The method of claim 1, wherein said enabling dropping of said graphical representation of said application on said graphical representation of said compartment comprises enabling dropping of said graphical representation of said application in close proximity to said graphical representation of said compartment.

12. A method for installing an application in a compartment-based trusted operating system, comprising:

displaying a graphical representation of a plurality of compartments of said trusted operating system;

5 enabling dragging of a graphical representation of said application towards a graphical representation of a compartment of said plurality of compartments;

enabling dropping of said graphical representation of said application on said graphical representation of said compartment; and

10 automatically installing said application in said selected compartment in response to said dropping of said graphical representation of said compartment.

13. The method of claim 12, further comprising:

15 automatically determining one or more supporting resources associated with said application;

automatically retrieving said supporting resources; and

automatically installing said supporting resources within said selected compartment.

14. The method of claim 12, further comprising:

20 automatically determining access controls for one or more files associated with said selected application; and

automatically setting said determined access controls for said one or more files.

25 15. The method of claim 14, further comprising assigning a compartment label unique to said compartment to each of said supporting resources.

30 16. The method of claim 12, wherein said enabling dropping of said graphical representation of said application on said graphical representation of said compartment comprises enabling dropping of said graphical representation of said application in close proximity to said graphical representation of said compartment.

17. A graphical software installation tool for installing an application in a trusted operating system, comprising:

a graphical user interface, comprising:

a display portion displaying at least one compartment of said trusted operating system; and

an application portion comprising a graphical representation of at least one application, said graphical representation of said at least one application operable to be dragged from said application portion to said display portion, wherein dropping of said graphical representation of said at least one application on a graphical representation of said at least one compartment causes automatic installation of said application in said compartment.

18. The graphical software installation tool of claim 17, further comprising:

means for automatically determining one or more supporting resources associated with said at least one application;

means for automatically retrieving said supporting resources; and

means for automatically installing said supporting resources within said at least one compartment.

19. The graphical software installation tool of claim 17, further comprising:

means for automatically determining access controls for one or more files associated with said at least one application; and

means for automatically setting said determined access controls for said one or more files.

20. The graphical software installation tool of claim 19, further comprising:

means for displaying said access controls along with the files with which said access controls are associated; and

means for modifying said access controls in response to a user input.

21. The graphical software installation tool of claim 19, wherein said means for automatically determining access controls comprises:

means for automatically determining access controls for at least one of said files based at least in part on the type of the file; and

means for automatically determining access controls for at least another one of said files based at least in part on the location of the file.

22. A method for installing an application in a trusted operating system, comprising:

enabling selection of an application from one or more applications;

enabling association of said selected application with a compartment of the trusted operating system; and

automatically installing said selected application in said selected compartment in response to said association of said selected application with said selected compartment..

23. The method of claim 22, wherein said enabling association of said selected application comprises:

enabling dragging of a graphical representation of said selected application towards a graphical representation of said selected compartment; and

enabling dropping of said graphical representation of said selected application on said graphical representation of said selected compartment.

24. The method of claim 23, wherein said enabling dropping of said graphical representation of said selected application on said graphical representation of said selected compartment comprises enabling dropping of said graphical representation of said selected application in close proximity to said graphical representation of said selected compartment.

25. The method of claim 22, further comprising:

automatically determining access controls for one or more files associated with said selected application;

5 automatically setting said determined access controls for said one or more files;

displaying said access controls along with the files with which said access controls are associated; and

modifying said access controls in response to a user input.

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